

Koch, Kristine

From: Shephard, Burt
Sent: Thursday, May 15, 2014 11:50 AM
To: Koch, Kristine; Alex Liverman (liverman.alex@deq.state.or.us); Allen, Elizabeth; Audie Huber (audiehuber@ctuir.com); Bob Dexter; Brian Cunnighame (cunnighame@gorge.net); callie@ridolfi.com; Conley, Alanna; Erin Madden (erin.madden@gmail.com); Fuentes, Rene; Gail Fricano (gfricano@indecon.com); Genevieve Angle (Genevieve.Angle@noaa.gov); Holly Partridge (Holly.Partridge@grandronde.org); JD Williams (jd@williamsjohnsonlaw.com); peterson.Jennifer@deq.state.or.us; Jeremy_Buck@fws.gov; Julie Weis (jweis@hk-law.com); Matt Johnson (matt@williamsjohnsonlaw.com); Matt McClincy (mcclincy.matt@deq.state.or.us); Michael.karnosh@grandronde.org; poulsen.mike@deq.state.or.us; Muza, Richard; rdelvecchio@indecon.com DelVecchio; Robert.Neely@noaa.gov; rose@yakamafish-nsn.gov; Ryan Sudbury (Ryan.Sudbury@grandronde.org); Sheldrake, Sean; Susan J. Penoyar (PenoyarSJ@cdm.com); Todd King (KingTW@cdmsmith.com); tomd@ctsi.nsn.us; Tom Gainer (gainer.tom@deq.state.or.us)
Subject: RE: Portland Harbor - Action Items From May 8 FS Technical Meeting

First impression, based on the benthic toxicity RAL: The overlap between the draft FS and our benthic toxicity is good for the most part. New areas that show up using the updated EPA benthic toxicity approach are primarily as follows:

River mile 4, west bank (both EPA and LWG have known about this area for some time now not being included in the draft FS, no real surprise here)

River mile 7+, Arkema and Willbridge area, west bank. This area looks like it has roughly doubled in size using the updated EPA benthic tox approach

River mile 8, mouth of Swan Island lagoon. Expansion of area at the shipyard. No surprise to EPA, not sure what LWG thinks of this.

Do we have any quantitative estimates of surface area possibly subject to remediation yet? I know depths and volumes are coming, not ready yet, but without going back and looking at the benthic toxicity contour plots, I'm not seeing any real surprises here based on an admittedly initial glance at the map.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-6359

Fax: (206) 553-0119

e-mail: Shephard.Burt@epa.gov

"Facts are stubborn things"
- John Adams

From: Koch, Kristine
Sent: Thursday, May 15, 2014 10:24 AM
To: Alex Liverman (liverman.alex@deq.state.or.us); Allen, Elizabeth; Audie Huber (audiehuber@ctuir.com); Bob Dexter;

Brian Cunninghame (cunninghame@gorge.net); callie@ridolfi.com; Conley, Alanna; Erin Madden (erin.madden@gmail.com); Fuentes, Rene; Gail Fricano (gfricano@indecon.com); Genevieve Angle (Genevieve.Angle@noaa.gov); Holly Partridge (Holly.Partridge@grandronde.org); JD Williams (jd@williamsjohnsonlaw.com); peterson.Jennifer@deq.state.or.us; Jeremy_Buck@fws.gov; Julie Weis (jweis@hk-law.com); Matt Johnson (matt@williamsjohnsonlaw.com); Matt McClincy (mcclincy.matt@deq.state.or.us); Michael.karnosh@grandronde.org; poulsen.mike@deq.state.or.us; Muza, Richard; rdelvecchio@indecon.com DelVecchio; Robert.Neely@noaa.gov; rose@yakamafish-nsn.gov; Ryan Sudbury (Ryan.Sudbury@grandronde.org); Sheldrake, Sean; Shephard, Burt; Susan J. Penoyar (PenoyarSJ@cdm.com); Todd King (KingTW@cdmsmith.com); tomd@ctsi.nsn.us; Tom Gainer (gainer.tom@deq.state.or.us)

Subject: FW: Portland Harbor - Action Items From May 8 FS Technical Meeting

All – Here is a comparison of the footprints of the LWG's RALs vs. EPA's RALs using the LWGs interpolation method.

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency
Region 10
1200 Sixth Avenue, Suite 900, M/S ECL-115
Seattle, Washington 98101-3140

(206)553-6705
(206)553-0124 (fax)
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

From: Jennifer Woronets [<mailto:jworonets@anchorqea.com>]

Sent: Wednesday, May 14, 2014 4:18 PM

To: Koch, Kristine

Cc: Jennifer Woronets; Carl Stivers; Amanda Shellenberger; Jim McKenna (jim.mckenna@verdantllc.com); Patty Dost; Bob Wyatt; Sheldrake, Sean; King, Todd W.

Subject: FW: Portland Harbor - Action Items From May 8 FS Technical Meeting

Kristine,

Please see below and attached from Amanda.

Let us know if you have any questions.

Thank you,
Jen Woronets ☺
Anchor QEA, LLC
jworonets@anchorqea.com
421 SW Sixth Avenue, Suite 750
Portland, OR 97204
503-972-5014

Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at jworonets@anchorqea.com

From: Amanda Shellenberger

Sent: Wednesday, May 14, 2014 4:05 PM

To: Jennifer Woronets

Cc: Carl Stivers

Subject: RE: Portland Harbor - Action Items From May 8 FS Technical Meeting

Kristine and Team –

Per action item #2 under the SMA-related action items, the attached maps show a comparison of EPA RALs versus LWG RALs using LWG mapping techniques. Also, per action item #3, we are sending the EPA RAL chemicals GIS layers (mapped using LWG mapping techniques) to Todd King so that he can develop a map comparing LWG mapping techniques to EPA's mapping techniques.

SMA's

1. LWG Action Item – Prepare simple RAL maps that shows all the draft FS SMA's without CDFs present.
 - Sent last week
2. LWG Action Item - Compare mapping of EPA RAL chemicals to LWG RAL chemicals maps using LWG mapping techniques.
 - Attached
3. LWG Action Item - Take the EPA RAL chemicals map layer from previous map and send that layer to Todd. He will develop a map comparing LWG mapping techniques to EPA's mapping techniques.
 - Sent to Todd in separate email
4. LWG Action Item – Provide existing subSMA pixel map comparison from April 24th meeting.
 - Sent last week.

Amanda Shellenberger, P.E.

ANCHOR QEA, LLC

ashellenberger@anchoragea.com

720 Olive Way, Suite 1900

Seattle, Washington 98101

T 206.287.9130

D 206.903.3371

F 206.287.9131

ANCHOR QEA, LLC

www.anchoragea.com

Please consider the environment before printing this email.

This electronic message transmission contains information that may be confidential and/or privileged work product prepared in anticipation of litigation. The information is intended for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by telephone at (206) 287-9130.